Available Natural Gas Vehicles and Engines

a listing of
Light-, Medium- and Heavy-Duty Vehicles and/or Engines
available directly from
Large Original Equipment Manufacturers (OEM)
or via Qualified System Retrofitters Using EPA-/CARB-Certified Systems
from Small Volume OEMs (SVM)

updated 3/10/2006



400 North Capitol Street, N.W. Washington, D.C. 20001 ngvamerica.org Stephe Yborra

Director, Marketing & Communications

syborra@ngvamerica.org 301.829.2520 office 301.829.2520 fax

Original Equipment Manufacturer (OEM) Vehicles

General Motors <u>connie.scarpelli@gm.com</u>

GMC 6.0L V8 Bi-Fuel + Dedicated Sierra C/K 1500 2WD/4WD Order cut-off: 3-10-06 Chevy 6.0L V8 Bi-Fuel + Dedicated Silverado C/K 1500 2WD/4WD Order cut-off: 3-10-06

GMC/Chevy 6.0L V8 Savana /Express Vans (KL5 gaseous fuel engine option available for SVOEM system retrofit) **Order cut-off: 4-28-06**

3500 Series Cutaway (KL5 gaseous fuel engine option available for SVOEM system retrofit) Order cut-off: 4-28-06

American Honda gunnar lindstrom@ahm.honda.com

Honda 1.7L I4 Dedicated Civic GX

GMC/Chevy 6.0L V8

OEM Heavy-Duty Engines

Cummins Westport Inc gexel@cumminswestport.com

5.9L "B Gas Plus" (spark-ignited)

195-230 HP; Is well suited to medium-duty applications such as shuttles, buses, pickup and delivery trucks, step vans, yard

spotters, and street sweepers.

8.3L "C Gas Plus" (spark-ignited)

250-280 HP; Is for medium-duty truck and refuse truck applications, as well as urban and transit bus applications. Factory available in Autocar X-peditor and Peterbilt LCF 320 refuse vehicles, Allianz 4000 Series sweepers, Schwarz sweepers. Factory option on

in Autocar X-pecitor and Peterblit LCF 320 refuse venicles, Allianz 4000 Series sweepers, Schwarz sweepers. Factory option o

Crane-Carrier LCF and LET refuse

8.9L "L Gas Plus" (spark ignited)

320 HP; Is for heavy refuse trucks, dump and medium-duty trucks, heavy transit applications and articulated buses.

CWI has announced that its ISL G 9.0L natural gas engine, to be available for MY 2007vehicles, will meet the 2010 EPA emissions

requirement of .2 NOx and .01PM

9.0L ISL G (spark-ignited)

John Deere

cummingstome@johndeere.com

8.1L 6081H (spark ignited)

250-280HP; well-suited to transit, work truck and school bus applications. Factory supplied with Blue-Bird RE and Thomas Saf-T-

Liner transit-style school buses; Crane-Carrier LCF and LET refuse trucks.

9.0L 6090 (spark ignited)

JDPS will offer its 2010-compliant 280HP natural gas engine for MY 2007 orders. This new unit will take place of 8.1L unit now

available in transit, school bus and vocational truck market.

Emission Solutions Inc jimmoore@emissionsolutionsinc.com

7.6L NG Phoenix (spark-ignited)

265 HP; CNG/LNG-capable engine based on DT466 platform; ideal for DT466 engine replacement in existing school bus, medium-

and medium-heavy-duty work truck applications.

Hybrid Fuel Systems <u>kwalls@hybridfuelsystems.com</u>

11.9L (Diesel-cycle)

HFS' EPA-certified dual-fuel system retrofits an existing Mack diesel engine to operate on a mix of natural gas and diesel fuel (up

to 80% displacement of diesel with natural gas)

Notes for Chart A: Spark-Ignited Natural Gas Engine Retrofit ("Conversion") Systems

The chart on the following three pages lists EPA- and CARB-certified systems available to "convert"/retrofit existing gasoline engines to run either as dedicated natural gas engines or bi-fuel engines (capable of running on either natural gas or gasoline). EPA and CARB certifications are for specific model years and installation time-periods. Unlike the unregulated "conversion kits" that were available from dozens of manufacturers in the late-1970s through the mid-1990s, all gaseous fuel engine systems on the market today are engineered and tested to comply with the same tough CARB/EPA emissions performance requirements as the large automobile manufacturers. Some of the systems listed are for use in light-duty vehicles (<8500 pounds) and are therefore certified to a specific EPA- or CARB-designated emissions level(e.g., ULEV, SULEV), which may have bearing on the amount of state or federal incentives available. Vehicles over 8500 pounds are designated heavy-duty vehicles by EPA, or - under CARB's certification system - one of several graduated vehicle weight classifications (e.g., medium-heavy-duty, heavy-heavy-duty, etc). For both jurisdictions, vehicles above 8500 pounds are not delineated further, e.g., as ULEN

Several engine families, such as the 6.0L GM units may be certified for use in LDVs (<8500 pounds, e.g., a 1500 series Silverado) or for use in HDVs (>8500 pounds, e.g., GM's C/K 2500 utility chassis work truck). Only an engine certified for use in a HD application may be installed in an HDV. All the systems certified for the GM 8.1L and the Ford 6.8L engines are considered HDV certifications. Furthermore, all SVOEMs' systems may be installed before placing the vehicle into active service or afterward. System installations are usually handled by the firms noted here or their qualified systems retrofitter. Contact manufacturers for more information on certification levels, applicable model years and locations of qualified installers.

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				Baytech Corporation		BAF Technologies			Hybrid Fuel Systems/DRV			ECO Fuel			Campbell Parnell Tech.			
St. VB Buick Centry St. VB Buick Centry St. VB Centry Cen	Engine	Make	Model	Bi/ Ded.			Bi / Ded.			Bi / Ded.			Bi / Ded.			Bi / Ded.		Model Year(s)
3.1.1	General Mot	ors																
3.1 16 Chey Mailbu	3.1L V6	Buick	Century							Bi	Е	2003	Bi	Е	2003			
3.1 V6	3.1L V6									Bi	Е	2003	Bi	Е	2003			
3.4 LV6 Chevy Portiac Crand Am Bi E 2003 Bi	3.1L V6	,	Grand Prix							Bi	Е	2003	Bi	Е	2003			
3.4 LV6 Chevy Portiac Crand Am Bi E 2003 Bi																		
SAL V6 Chevy Monte Carlo	3.4L V6	Chevy	Impala							Bi	Е	2003	Bi	Е	2003			
3.4 LV6	3.4L V6	,	Monte Carlo							Bi	Е	2003	Bi	Е	2003			
3.4 LV6 Pontiac Grand Am	3.4L V6	,	Alero							Bi	Е	2003	Bi	Е	2003			
3.8 L V8 Buick LeSabre Bi E 2003	3.4L V6		Grand Am							Bi	Е	2003	Bi	Е	2003			
Sal. V8 Buick LeSabre	3.4L V6		Grand Prix							Bi	Е	2003	Bi	Е	2003			
Sal V8 Buick Park Avenue																		
3.8L V8 Buick Park Avenue	3.8L V8	Buick	LeSabre							Bi	Е	2003	Bi	Е	2003			
3.8L V8 Buick Regal	3.8L V8		Park Avenue							Bi	Е	2003	Bi	Е	2003			
3.8 L V8 Chevy Monte Carlo Bi E 2003 Bi E 20	3.8L V8		Regal							Bi	Е	2003	Bi	Е	2003			
3.8 L V8 Chevy										Bi	Е	2003	Bi	Е	2003			
3.8 L V8	3.8L V8	,								Bi	Е	2003	Bi	Е	2003			
3.8 L V8	3.8L V8	,	Grand Am							Bi	Е	2003	Bi	Е	2003			
A.3L V6 Chevy Astro Minivan Bi+Ded E+C 2000-03 Bi E 2003-05										Bi	Е	2003	Bi		2003			
4.3L V6 Chevy Astro Minivan Ded. E + C 2004-05 4.3L V6 Chevy Blazer 2WD/4WD Bi+Ded E + C 2000-03 Bi E 2003-05 4.3L V6 Chevy Chevy Blazer 2WD/4WD Ded. E + C 2000-05 Bi E 2003-05 4.3L V6 Chevy Express Cargo Van G1500/2500 Bi+Ded E + C 2000-05 Bi E 2003-05 4.3L V6 Chevy Chevy Chevy S-10 2WD/4WD Bi+Ded E + C 2000-05 Bi E 2003-05 4.3L V6 Chevy Chevy Chevy Chevy Children Silverado C/K1500 2WD/4WD Bi+Ded E + C 2000-05 Bi E 2003-05 4.3L V6 Chevy Chevy Chevy Children Silverado C/K1500 2WD/4WD Bi+Ded E + C 2000-03 Bi E 2003-05 4.3L V6 Chevy Chevy Chevy Children Bi+Ded E + C 2000-03 Bi E 2003-05 4.3L V6 GMC Jimmy 2WD/4WD Ded. E + C 2000-03 Bi E 2003-																		
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4.3L V6 Chevy Express Pass. Van G1500/2500 Bi+Ded E + C 2000-05 Bi E 2003-05 4.3L V6 Chevy S-10 2WD/4WD Bi+Ded E + C 2000-03 Bi E 2003-05 4.3L V6 Chevy Silverado C/K1500 2WD/4WD Bi+Ded E + C 2000-05 Bi E 2003-05 4.3L V6 Chevy Sonoma 2WD/4WD Bi+Ded E + C 2000-03 Bi E 2003-05 4.3L V6 GMC Jimmy 2WD/4WD Bi+Ded E + C 2000-03 Bi E 2003-05 4.3L V6 GMC Jimmy 2WD/4WD Ded. E + C 2000-03 Bi E 2003-05 4.3L V6 GMC Safari Minivan Bi+Ded E + C 2004-05 Bi E 2003-05 4.3L V6 GMC Savana Cargo Van G1500/2500 Bi+Ded E + C 2004-05 Bi E 2003-05 4.3L V6 GMC Savana Pass. Van G1500/2500 Bi+Ded E +		,								Bi	Е	2003-05						
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4.3L V6 Chevy Silverado C/K1500 2WD/4WD Bi+Ded E+C 2000-05 Bi E 2003-05 4.3L V6 Chevy Sonoma 2WD/4WD Bi+Ded E+C 2000-03 Bi E 2003-05 4.3L V6 GMC Jimmy 2WD/4WD Bi+Ded E+C 2004-05 Bi E 2003-05 4.3L V6 GMC Safari Minivan Bi+Ded E+C 2004-05 Bi E 2003-05 4.3L V6 GMC Safari Minivan Ded. E+C 2004-05 Bi E 2003-05 4.3L V6 GMC Savana Cargo Van G1500/2500 Bi+Ded E+C 2000-05 Bi E 2003-05 4.3L V6 GMC Savana Pass. Van G1500/2500 Bi+Ded E+C 2000-05 Bi E 2003-05 4.3L V6 GMC Sierra C/K1500 2WD/4WD Bi+Ded E+C 2000-05 Bi E 2003-05 4.3L V6 Workhor P Chassis Bi+Ded E+C 2		,		Bi+Ded						Bi	Е							
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4.3L V6 GMC Jimmy 2WD/4WD Bi+Ded E+C 2000-03 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>i</td><td></td><td></td><td></td><td></td></td<>														i				
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4.3L V6 GMC Savana Cargo Van G1500/2500 Bi+Ded E + C 2000-05 Bi E 2003-05 Image: Control of the		GMC	Safari Minivan	Ded.	E+C	2004-05	1			Bi	Е	2003-05	1					
4.3L V6 GMC Savana Pass. Van G1500/2500 Bi+Ded E + C 2000-05 Bi E 2003-05 Secondary Bi E 2003-05 Secondary Secondary <t< td=""><td>4.3L V6</td><td>GMC</td><td>Savana Cargo Van G1500/2500</td><td>Bi+Ded</td><td></td><td>2000-05</td><td></td><td></td><td></td><td>Bi</td><td>Е</td><td>2003-05</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	4.3L V6	GMC	Savana Cargo Van G1500/2500	Bi+Ded		2000-05				Bi	Е	2003-05						
4.3L V6 GMC Sierra C/K1500 2WD/4WD Bi+Ded E + C 2000-05 Bi E 2003-05 Sierra C/K1500 2WD/4WD Sierra C/K1500 2WD/4WD Bi+Ded E + C 2000-03 Sierra C/K1500 2WD/4WD Sierra C/K1500 2WD/4WD Bi E 2003-05 Sierra C/K1500 2WD/4WD Sierra C/K1500	4.3L V6			Bi+Ded		2000-05	T T			Bi	Е	2003-05	T T				1	
4.8L V8 Chevy Silverado C/K1500 2WD/4WD Bi E 2005 Bi E 2005		GMC	Sierra C/K1500 2WD/4WD	Bi+Ded	E+C	2000-05				Bi	Е	2003-05						
4.8L V8 Chevy Silverado C/K1500 2WD/4WD Bi E 2005 Bi E 2005	4.3L V6	Workhor	P Chassis	Bi+Ded	E+C	2000-03												
		1		1			T T				1		T T				1	
4.8L V8 GMC Sierra C/K1500 2WD/4WD Bi E 2005 Bi E 2005	4.8L V8	Chevy	Silverado C/K1500 2WD/4WD							Bi	Е	2005	Bi	Е	2005			
	4.8L V8	GMC	Sierra C/K1500 2WD/4WD							Bi	Е	2005	Bi	Е	2005			

			Bayte	ch Corpo	oration	BAF	Technol	ogies	Hybrid Fuel Systems/DRV		ECO Fuel			Campbell Parnell Tech.			
				EPA/	Model		EPA/	Model		EPA/	Model		EPA/	Model		EPA/	Model
Engine	Make	Model	Bi/ Ded.	CARB	Year(s)	Bi / Ded.	CARB		Bi / Ded.		Year(s)	Bi / Ded.	CARB	Year(s)	Bi / Ded.	CARB	Year(s)
General Mot	ors (cont	inued)															
5.3L V8	Cadillac	Escalade / Escal. EXT/ Escal. ESV	Ded.	E+C	2004-05												
5.3L V8	Chevy	Avalanche	Ded.	E + C	2004-05												
5.3L V8	Chevy	Silverado C/K1500 2WD/4WD	Bi+Ded	E+C	2004-05				Bi	Е	2003						
5.3L V8	Chevy	Suburban	Ded.	E + C	2004-05												
5.3L V8	Chevy	Tahoe	Ded.	E+C	2004-05												
5.3L V8	Chevy	Trailblazer (incl XL and ESV)	Ded.	E+C	2004-05												
5.3L V8	GMC	Envoy (incl XL and ESV)	Ded.	E + C	2004-05												
5.3L V8	GMC	Sierra C/K1500 2WD/4WD	Bi+Ded	E+C	2004-05				Bi	Е	2003						
5.3L V8	GMC	Yukon / Yukon XL	Ded.	E+C	2004-05												
5.7L V8	Chevy	Express Cargo Van G1500/2500	Bi+Ded	E+C	2000-03												
5.7L V8	Chevy	Express Cargo Van G3500	Bi+Ded	E+C	2000-03												
5.7L V8	Chevy	Express Pass. Van G1500/2500	Bi+Ded	E+C	2000-03												
5.7L V8	Chevy	Express Pass. Van G3500	Bi+Ded	E+C	2000-03												
5.7L V8	Chevy	Silverado C2500/2500HD/3500	Bi+Ded	E+C	2000-03												
5.7L V8	Chevy	Suburban C/K2500 2WD/4WD	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Cab and Chassis G3500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Cutaway G3500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Savana Cargo Van G1500/2500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Savana Cargo Van G3500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Savana Pass. Van G1500/2500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Savana Pass. Van G3500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Sierra C2500/2500HD/3500	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	W3500 Chassis	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	W4500 Chassis	Bi+Ded	E+C	2000-03												
5.7L V8	GMC	Yukon XL C/K2500 2WD/4WD	Bi+Ded	E+C	2000-03												
5.7L V8	Isuzu	NPR	Bi+Ded	E+C	2000-03												
5.7L V8	Isuzu	NPR HD	Bi+Ded	E+C	2000-03												
5.7L V8	Workhor	P Chassis	Bi+Ded	E+C	2000-03												
6.0L V8	Cadillac	Escalade / Escal. EXT/ Escal. ESC	Ded.	E+C	2004-05	Ded.	E+C	2004-05									
6.0L V8	Chevy	Avalanche	Ded.	E+C	2004-05	Ded.	E+C	2004-05									
6.0L V8	Chevy	Express Cargo Van G1500	Bi+Ded	E+C	2004-05	Bi+Ded	E+C	2004-05									
6.0L V8	Chevy	Express Cargo Van G2500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	Chevy	Express Cargo Van G3500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	Chevy	Express Passenger Van G1500	Bi+Ded	E + C	2004-05	Bi+Ded	E+C	2004-05									
6.0L V8	Chevy	Express Passenger Van G2500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	Chevy	Express Passenger Van G3500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	Chevy	Silverado C1500HD	Ded.	E+C	2006	Ded.	E+C	2006									
6.0L V8	Chevy	Silverado C/K2500 HD 2WD/4WD	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	Chevy	Silverado C/K3500 2WD/4WD	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	Chevy	Suburban	Ded.	E + C	2004-05	Ded.	E+C	2004-05									
6.0L V8	Chevy	Suburban C/K2500 2WD/4WD	Bi+Ded	E+C	2004-05	Bi+Ded	E+C	2004-05									

			Bayte	Baytech Corporation		BAF Technologies			Hybrid Fuel Systems/DRV			ECO Fuel			Campbell Parnell Tech.		
				EPA/	Model		EPA/	Model		EPA/	Model		EPA/	Model		EPA/	Model
Engine	Make	Model	Bi/ Ded.	CARB	Year(s)	Bi / Ded.	CARB	Year(s)	Bi / Ded.	CARB	Year(s)	Bi / Ded.	CARB	Year(s)	Bi / Ded.	CARB	Year(s)
General Mot	ors (6.0L	systems continued)															
6.0L V8	Chevy	Tahoe	Ded.	E + C	2004-05	Ded.	E+C	2004-05									
6.0L V8	GMC	Cutaway G3500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-06						
6.0L V8	GMC	Savana Cargo Van G1500	Bi+Ded	E + C	2004-05	Bi+Ded	E+C	2004-05									
6.0L V8	GMC	Savana Cargo Van G2500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Savana Cargo Van G3500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Savana Passenger Van G1500	Bi+Ded	E + C	2004-05	Bi+Ded	E+C	2004-05									
6.0L V8	GMC	Savana Passenger Van G2500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Savana Passenger Van G3500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Sierra C1500HD	Ded.	E + C	2006	Ded.	E+C	2006									
6.0L V8	GMC	Sierra C/K2500 HD 2WD/4WD	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Sierra C/K3500 2WD/4WD	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Utility C/K2500 HD 2WD	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	Utility C/K3500 2WD	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	Е	2000-05						
6.0L V8	GMC	W3500 Chassis	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06									
6.0L V8	GMC	Yukon / Yukon XL	Ded.	E + C	2004-05	Ded.	E+C	2004-05									
6.0L V8	GMC	Yukon XL C/K2500 2WD/4WD	Bi+Ded	E + C	2004-05	Bi+Ded	E+C	2004-05									
6.0L V8	Isuzu	NPR Chassis	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06									
6.0L V8	Workhor	P Chassis	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06	Bi+Ded	E	2000-05						
8.1L V8	Chevy	Silverado C2500 2WD	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	Chevy	Silverado C2500 HD 2WD	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Cab and Chassis G3500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Cutaway C4500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Cutaway C5500	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Sierra C2500 2WD	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Sierra C2500 HD 2WD	Bi+Ded	E + C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Topkick/Kodiak C4500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Topkick/Kodiak C5500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Topkick/Kodiak C6500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Topkick/Kodiak C7500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	GMC	Topkick/Kodiak C8500	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
8.1L V8	Workhor	P Chassis	Bi+Ded	E+C	2004-06	Bi+Ded	E+C	2004-06									
Ford Motor (
3.0L V6	Ford	Taurus Sedan/Wagon							Bi	E	2004-05	Bi	E	2004-05			
3.0L V6	Mercury	Sable Sedan/Wagon							Bi	E	2004-05	Bi	E	2004-05			
4.6L V8	Ford	Crown Victoria				Ded.		2003, 05+06	Bi+Ded	E	2003-04	Bi+Ded	Е	2003-04			
4.6L V8	Mercury	Grand Marquis				Ded.		2003, 05+06	Bi+Ded	E	2003-04	Bi+Ded	E	2003-04			
4.6L V8	Lincoln	Town Car				Ded.	E+C	2003, 05+06	Bi+Ded	E	2003-04	Bi+Ded	Е	2003-04			
5.4L V8	Ford	E-350 Cab and Chassis													Bi	E	2005
5.4L V8	Ford	E-350 Econoline 2WD													Bi	Е	2005
6.8L V10	Ford	E-450 Cab and Chassis				Ded.	E+C	2002-06									

Contacts

Company	Address	Telephone	E-Mail
American Honda Motor Co.	1919 Torrance Blvd, MS 100-3C-3A, Torrance, CA 90501	310-781-4412	gunnar_lindstrom@ahm.honda.com
BAF Technologies	2415 Beatrice Street, Dallas, TX 75208	214-231-1458	bcalvert@baftechnologies.com
Baytech Corporation	PO Box 1148, Los Altos, CA 94022	650-949-1976	sales@baytechcorp.com
Campbell-Parnell USA	1720 Deer Valley Rd #101, Phoenix, AZ 85024-5603	623-581-8335	tac1@parnellusa.com
Cummins Westport Inc.	1750 West 75th Ave., #101, Vancouver, BC Canada V6P 6G2	604-718-2012	gexel@cumminswestport.com
ECO Fuel Systems Inc.	#2-20043 92A Ave, Langley, BC Canada V1M 3A5	604-888-8384	markus@ecofuel.com
Emission Solutions Inc.	2001 Central Circle, Ste 106, McKinney TX 75069	972-369-0092	jimmoore@emissionsolutionsinc.com
General Motors	100 Renna Ctr, 483A20B98M.C>, Det 48265	313-665-0672	connie.scarpelli@gm.com
Hybrid Fuel Systems/DRV	1225 SE 29th Street, Oklahoma City, OK 73129	405-670-9099	kwalls@hybridfuelsystems.com
John Deere Power Systems	P.O. Box 5100, Waterloo, IA 50704	319-292-5220	cummingstome@johndeere.com



For more information, please contact:

400 North Capitol Street, N.W. Washington, D.C. 20001

ngvamerica.org

Stephe Yborra

Director, Marketing & Communications

syborra@ngvamerica.org

301.829.2520 office 301.829.2520 fax